į	J		,	٠.,٢	02/	0	0	2	0	8
---	---	--	---	------	-----	---	---	---	---	---

Patent document cited in search report		Publication date		Patent family member(s)		Publication date	
US 5360679	Α	01-11-1994	AU	668488	B2	02-05-1996	
			AU	7631094	Α	21-03-1995	
		•	CA	2146326	A1	02-03-1995	
			DE	69429332	D1	17-01-2002	
			EP	0671059	A1	13-09-1995	
			JP	8502855	T	26-03-1996	
			WO	9506335	A1	02-03-1995	
DE 3802555	Α	03-08-1989	DE	3802555	A1	03-08-1989	
•		,	IN	170981	A1	27-06-1992	
US 4728506	Α	01-03-1988	NONE	·		·	
DE 4005468	Α .	22-08-1991	DE	4005468	A1	22-08-1991	
US 3810975	A	14-05-1974	NONE				
DE 19934649	A	25-01-2001	DE	19934649	A1	25-01-2001	

INTERNATIONAL SEARCH REPORT

It stional Application No
PCT/EP 02/00208

alegory °	cition) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication where appropriate, of the relevant p	assages		Relevant to claim No.
l I	S. S			Total To Signif No.
X	US 4 728 506 A (HABERMEHL ROBERT ET 1 March 1988 (1988-03-01)	TAL)		1,2,4-6, 8,9, 11-13, 15,16, 18-20,
		4	1	23,24,28
	column 4, line 44 - line 66 column 6, line 30 - line 34 claims 1,5 figure 1			
	DE 40 05 468 A (LINDE AG) 22 August 1991 (1991-08-22) column 1, line 45 -column 2, line 45 claims 1-4,7	,	•	1
	US 3 810 975 A (BROOKE C) 14 May 1974 (1974-05-14) column 3, line 32 -column 4, line 11 figure			1
, A	DE 199 34 649 A (DAIMLER CHRYSLER AG 25 January 2001 (2001-01-25) claim 1)		1
ļ				
	•			
				,
	•			
		put.		
		**	•	
. I			-	
	,			

INTERNATIONAL SEARCH REPORT

tional Application No

A. CLASSIFICATION OF SUBJECT MATTER
1PC 7 C01B3/32 C01B3/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C01B H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, PAJ, API Data, COMPENDEX, INSPEC

Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
US 5 360 679 A (LOUIE CRAIG ET AL) 1 November 1994 (1994-11-01)	1,3,17, 21
column 7, line 33 -column 8, line 63 figures 1,2	·
DE 38 02 555 A (LINDE AG) 3 August 1989 (1989-08-03) column 2, line 50 -column 4, line 12 claims 1,2 figures 2,3	1,17
-/	
•	
•	
	<pre>1 November 1994 (1994-11-01) column 7, line 33 -column 8, line 63 figures 1,2 DE 38 02 555 A (LINDE AG) 3 August 1989 (1989-08-03) column 2, line 50 -column 4, line 12 claims 1,2</pre>

·	•
Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance E earlier document but published on or after the international filling date L document which may throw doubts on priority ctaim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O document referring to an oral disclosure, use, exhibition or other means P document published prior to the international filling date but later than the priority date ctairmed	 *T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X' document of particular retevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *8' document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the International search report
7 June 2002 Name and mailing address of the ISA	21/06/2002 Authorized officer
European Patent Office, P.B. 5618 Palentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fay: (-31-70) 340-316	Harf-Bapin, E

DOCKET NO: F-42069

SERIAL NO:

APPLICANT: R. Brück et al.

LERNER AND GREENBERG P.A.

P.O. BOX 2480

HOLLYWOOD, FLORIDA 33022

TEL. (954) 925-1100